

ICS 209 (Oil Spill) - Incident Status Summary										Version Name: 20191213				
Incident Name: South 4 Group Fire										Period: Period 14 [12/14/2019 06:00 - 12/17/2019 06:00]				
Spill Status (Estimated)										Equipment Resources				
Source Status		Remaining potential			151,740			Kind	Ordered	Available	Assigned	Out-Of-Service	Total Count	
SECURED		Rate of spillage			0 barrel(s)			Air Monitor - AreaRAE	0	0	31	0	31	
		Volumes measured in			barrel(s)			Air Monitor - MultiRAE	0	0	81	0	81	
		Since Last Report			Total			Air Monitor - UltraRAE	0	12	43	0	55	
Total Volume Spilled		0			999			Boom	0	1	11,500	0	11,501	
Mass Balance (Estimated)										Volumes in gallon(s)				
Recovered Material (Liquid)		15,000			76,500			Fire Fighting Foam	0	1,590	0	0	1,590	
Foam		0			1,320			Jon Boat	0	0	6	1	7	
Combusted Material (bbl)		0			48,970			Pumps	2	20	32	0	54	
Waste (Estimated)										Personnel Resources				
Type		Recovered	Stored	Disposed	UOM			Response Boat	0	0	3	0	3	
Sorbent: Boom		12,120			Feet			Skimmer	0	17	1	0	18	
Debris		1,027			Bags			Sorbent: Boom	0	50	8,350	0	8,400	
Liquid		149,350			gallon (s)			UTV	0	0	9	0	9	
Shoreline Impacts										Distances measured in mile(s)				
Degree of Oiling		Affected	Cleaned	Remaining to be Cleaned			Organization	People in the Field	People in Cmd. Post	Total People On Scene				
Wildlife Impacts										Special Notes				
							Died In Facility	Other	2	0	2			
Type	Captured	Cleaned	Released	DOA	Euth.	Other	Federal	17	16	33				
Fish Above 3"	0	0	0	68	0	0	State	8	3	11				
Bird	0	0	0	0	0	0	Local	5	1	6				
Mammal	0	0	0	0	0	0	RP	137	47	184				
Reptile	0	0	0	1	0	0	Contract Personnel	492	85	577				
2-3" Fish	0	0	0	2,000	0	0	Volunteers	0	0	0				
Blue Crab	0	0	0	18	0	0	Totals	661	152	813				
Safety Status										Active Fires: 2				
Type		Amount since last report			Total Amount			Notes:						
Public Injury		0			0			*Spilled material based on 98% destruction efficiency of the fire.						
Responder Injury		0			4									
Community Air Readings for all analytes		9,557			80,000									
BD - Community Air Detections above action level		0			239									
Community Air Monitoring readings for Butadiene					25,233									
VOC - Community Air Detections above action level		0			12									
Community Air Monitoring readings for VOC					25,489									
ICS 209 (Oil Spill) - Incident Status Summary										Prepared By Planning Section, Updated 12/13/2019 23:16 UTC -6: PP				
INCIDENT ACTION PLAN SOFTWARE™		Printed 12/13/2019 23:18 UTC -6:00			1 of 6			© TRG						

Daily Summary – TPC Port Neches South 4 Group Fire 12/13/2019

The waterway has now transitioned to Maintenance and Monitoring Mode

Shoreline Impacts	Assessed, miles	In Remediation, miles	Sign Off
No Oil Observed	4.96		4.96
Light Oil	1.05		1.05
SCAT Recommends No Further Treatment	2.58		2.58

Today's Activities

- DEHA was not injected into any tanks 12/13/2019.
- Surveys conducted using FLIR camera identified additional leaks. The leaks were located on lines associated with the following:

Tank Number	Material in Tank	Component Involved	Repaired
39	Raffinate	Flange on line	12/13/2019
40	Raffinate	Tubing valve	
36	High Butane Raffinate	Flange on tank	
33	High Butane Raffinate	Tubing fitting	
35	High Butane Raffinate	Tubing leak	
90 & 91	High Purity Butadiene	Common suction line leak	
26	Crude C4	Line leak, attempted repair with clamp	
30	Water and NMP Solvent	Tubing fitting	12/13/2019

- The FLIR survey revealed the low volume vapor leak from Tank 33, which is inaccessible for safety reasons, may be associated with a line located under the tank. The leak is ongoing. The cribbing contractor and TPC Technical team are developing parallel plans for securing the tank and mitigating the leak after the tank is secured.
- The SCAT Assessment Team, consisting of a multi-agency group that includes EPA, US Coast Guard, General Land Office, TCEQ, TPWD, County and Local agencies, observed the waterways and determined the conditions met the agreed upon endpoints to transition into Maintenance mode.
- The drone completed the ORTHO evaluation (recording current images in high definition).
- 168 hours without wildlife hotline calls. Wildlife Response personnel on call, no EOC presence.
- There was no stormwater discharge via Outfall 201. The water level in the plant remains 2 feet below the weir.
- The waterways are in maintenance and monitoring mode. There were no issues identified 12/13/2019

Upcoming Activities

- Continue to develop a plan for addressing Tank 33's stabilization and leak mitigation
- Securing Tank 33 and implement the Cribbing Plan and the Leak Mitigation Plan.
- Daily school air monitoring is continuing
- TPC assisting neighboring plants to ensure their utilities are available.

Health and Safety

- No issues to report

Water Effluent

- Status of 201: No Flow, 1.5 feet below the weir
- GPM to JWWTP: 0 gpm, building level in Block 6 ponds

Water Testing: 12/13/2019 No new results.

- Since December 7, 2019, an estimated 133 surface water samples have been collected from 17 different locations for VOCs, SVOCs, PAH, PFAS, TPH, TOC, oil and grease, ethylene glycol, and asbestos analysis. Results of these analysis are not representative of drinking water sources. There are no drinking water sources downstream of the waterways.
- There have been no exceedances of TCEQ Contact Recreation Water Protective Concentration Limit (PCL) screening levels for the surface water samples with available PCLs. Where no PCLs are available, results are being compared to background surface water samples. There are no drinking water sources downstream.
- EPA provided additional criteria for screening the results. That comparison is being conducted.

Wildlife Report

- None

Recovery Operations

- No changes

SCAT Report

- Maintenance and Monitoring Plan is in effect. No issues identified for today.

Waste

12/13/2019 No changes in volumes

Some analytical results were received for waste classification.

Gallons	Frac Tanks (20,000 gallons capacity)	# Of Tanks Used
137,000	Liquids from outfall canal skimming	7
5,000	Water and hydrocarbons from south separator	0.25
30,000	Latex-laden Wastewater from LION	1.5
	Empty Available and Staged	6
172,000	Totals	16

CYD's	Roll Off Boxes (25 CYD's capacity)	# Of Boxes Used
162.5	Hydrocarbon Debris and Sorbents From Canal	6.5
162.5	Totals	7

CYD's	Potential Asbestos Containing Material (PACM)	# Of Boxes Used
12.5	Material from 201 outfall and south separator	0.5
25	Motiva (1-full, 1-in use)	2
	Joint Waste Water (have not begun using yet)	1
37.5	Totals	4

	Other	
	Routine Plant Trash (Garbage)	1
	Dirty Containment Boom waiting on decon	1

Empty available and staged (requested 4 more) 3

Community Air Monitoring

Asbestos Monitoring

Community

- Wipe samples: Zero of the 180 samples collected have been positive for asbestos
- Bulk Sampling: 96 of 234 samples tested positive for asbestos

Air Monitoring Sampling Results

Community

No analytical updates available at the time of this report.

Analytical	Detections	Samples Collected	Sample Stations
Volatile Organic Compounds (VOC)*	2*	362	48
Poly Aromatic Hydrocarbons (PAH)	None Detected	481	28
Asbestos	None Detected	618	44

2* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

Community Assessments

Refer to following pages.

Community Assessment Summary

2724

Count of Curbside
Assessments
Completed

575

Count of Properties
with Observed
Damage

299

Count of Properties
with Observed Debris

73

Count of Industrial
Debris Claims
Sampled

Community Assessment Summary - Jefferson

1391

Count of Curbside
Assessments
Completed

536

Count of Properties
with Observed
Damage

188

Count of Properties
with Observed Debris

57

Count of Industrial
Debris Claims
Sampled

Community Assessment Summary - Orange

1333

Count of Curbside
Assessments
Completed

39

Count of Properties
with Observed
Damage

111

Count of Properties
with Observed Debris

16

Count of Industrial
Debris Claims
Sampled

Completed Assessments Property Type Summary

Type	# of Properties
Church	9
Commercial/Business	39
Detached storage building.	1
Empty Lot	62
Industrial Facility	1
Library	1
Multi-family Residence	20
Other Public Area	3
Park	3
Single Family Home	2624
	2763